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**Part Number:** [1720430402](#)  
**Status:** **Active**  
**Overview:** [Super Sabre Connector System](#)  
**Description:** Super Sabre Right-Angle Header, 4 Circuit, Short Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

|                                                               |                                                                 |
|---------------------------------------------------------------|-----------------------------------------------------------------|
| <b>Documents:</b>                                             |                                                                 |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification PK-43789-001-001 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Test Summary TS-171825-001-001 (PDF)</a>            |
| <a href="#">3D Model</a>                                      | <a href="#">Symbol Footprint Data SYM-172043-0402-001 (PDF)</a> |
| <a href="#">Product Specification PS-171825-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                              |
|----------------|----------------------------------------------|
| Product Family | PCB Headers                                  |
| Series         | <a href="#">172043</a>                       |
| Application    | Power, Signal, Wire-to-Board                 |
| Comments       | Operating Temperature Per USCAR-2; Class 3   |
| Overview       | <a href="#">Super Sabre Connector System</a> |
| Product Name   | Super Sabre                                  |
| UPC            | 887191565798                                 |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | Yes                            |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper                         |
| Material - Plating Mating      | Silver                         |
| Material - Plating Termination | Matte Tin, Nickel              |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 6.004/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 3.81mm                         |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 7.50mm                         |
| Plating min - Mating           | 0.025µm                        |
| Plating min - Termination      | 0.025µm                        |
| Polarized to Mating Part       | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40° to +125°C                 |
| Termination Interface: Style   | Through Hole                   |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 30.0A per blade |
| Voltage - Maximum             | 600V AC (RMS)   |

**Solder Process Data**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[172043](#) Series

**Mates With**

[172672](#) Crimp Housing

|                                                |          |
|------------------------------------------------|----------|
| Duration at Max. Process Temperature (seconds) | 030      |
| Lead-freeProcess Capability                    | SMC&WAVE |
| Max. Cycles at Max. Process Temperature        | 003      |
| Process Temperature max. C                     | 260      |

**Material Info**

**Reference - Drawing Numbers**

|                         |                     |
|-------------------------|---------------------|
| Packaging Specification | PK-43789-001-001    |
| Product Specification   | PS-171825-001-001   |
| Sales Drawing           | SD-172043-001-001   |
| Symbol/Footprint Data   | SYM-172043-0402-001 |
| Test Summary            | TS-171825-001-001   |

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